Attorney Docket No. 046700-5018

Page 1 of 8

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Rupp et al. Group Art Ur Application No.: 09/753,329 Examiner: Unassigned Filed: December 29, 2000 METHOD AND APPARATUS For: FOR MULTIPLE VARIABLE BIDDING IN AN ONLINE AUCTION RECEIVED

> INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. §§ 1.56 ET SEQ.

JUN 1 2 2002

Technology Center 2100

Commissioner of Patents and Trademarks Washington, D.C. 20231

Dear Sir:

In accordance with 37 C.F.R. § 1.97(b), the above-identified Applicants cite the following patents and publications, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits.

CERTIFICATE OF MAILING (37 C.F.R. § 1.8)

I hereby certify that this paper, and the papers and/or fees referred to herein as transmitted, submitted or enclosed, are being deposited on the date shown below with the U.S. Postal Service with sufficient postage as first-class mail in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Name Kim R. Jessum Signature

— Date of Deposit June 4, 2002

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GROUP 3600

In compliance with 37 C.F.R. § 1.98(a), copies of the patents and publications set forth below and listed on the attached Form PTO-1449 (3 sheets) are provided.

U.S. Patents

Patent No.	Issue Date	Inventor
3,863,060	01/28/75	Rode, et al.
4,597,045	06/24/86	Kiuchi
4,799,156	01/17/89	Shavit
5,629,982	05/13/97	Micali
5,640,569	06/17/97	Miller, et al.
5,799,285	08/25/98	Klingman
5,803,500	9/8/98	Mossberg
5,809,483	9/15/98	Broka, et al.
5,826,244	10/20/98	Huberman
5,832,496	11/3/98	Anand, et al.
5,835,896	11/10/98	Fisher, et al.
5,862,223	1/19/99	Walker, et al.
5,890,138	3/30/99	Godin, et al.
5,897,621	4/27/99	Boesch, et al.
5,905,974	5/18/99	Fraser, et al.
5,905,975	5/18/99	Ausubel
5,915,209	6/22/99	Lawrence
5,966,699	10/12/99	Zandi
6,014,627	1/11/00	Togher, et al.



6,021,398	2/1/00	Ausubel
6,023,685	2/8/00	Brett, et al.
6,044,363	3/28/00	Mori, et al.
6,055,518	4/25/00	Franklin, et al.
6,058,379	5/2/00	Odom, et al.
6,061,663	5/9/00	Bloom, et al.
6,078,906	6/20/00	Huberman
6,119,229	9/12/00	Martinez, et al.
6,151,589	11/21/00	Aggarwal, et al.
6,161,099	12/12/00	Harrington, et al.
6,199,050	3/6/01	Alaia, et al.
6,266,652	7/24/01	Godin, et al.

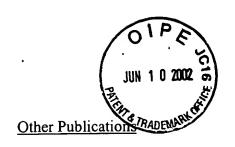
Foreign Patents

Publication No.	Publication Date	Country
0399850A	11/28/90	EP
WO 92/15174	9/3/92	WIPO
WO 97/37315	10/9/97	WIPO
WO 98/34187	8/6/98	WIPO
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PATENT Attorney Docket No. 046700-5018 Page 4 of 8



"BroadVision Developing First Interactive Commerce Management System To Support Online Sales & Marketing Process; New Software Category Necessary to Interactive Network Architecture", Business Wire, p5150152, May 15, 1995

"FairMarket Launches New Self-Serve Auctions." Business Wire, p6161495, June 16, 1998

Lee, "Do electronic marketplaces lower the price of goods?", Communications of the PCM, v41n1 pp 73-80, Jan 1998

"Moai Technologies Introduces New categories of Business to Business Auction Software..", Business Editors and Computer writers, March 16, 1998

Kikuchi, et al., "Multi-Round Anonymous Auction Protocols", IEICE Trans. Inf. & Syst., vol.E82-D, No.4, April 1999

"Online bidding software", Electronic Buyers' News, Issue 1072, p86, 1/6p, August 25, 1997

Sairamesh, et al., "Economic Framework for Pricing and Charging Digital Libraries", D-Lip Magazine, February 1996

"Sold!...To the Lowest Bidder", Computer Finance, v6, n2, July 1995

"Venture Capitalists Fund Two Massachusetts Internet Related Companies", Boston Globe, January 14, 1998

Vigoroso, "Buyers prepare for brave new world of e-commerce", Purchasing, v126, n6, pS4(1), April 22, 1999

Von der Fehr, et al., "Predatory bidding in sequential auctions", Oxford Economics Papers, v46, n3, p345(12), July 1994

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"What you need to know to bid in FCC's narrowband auction", Washington Telecom News, v2, n26, p6(2), June 27, 1994

Further, in compliance with 37 C.F.R. § 1.98(d), copies of the patents and publications set forth below and listed on the attached Form PTO-1449 (3 sheets) have not been provided because they were cited in parent application no. 09/252,790, filed on February 19, 1999, now U.S. Patent No. 6,230,146, issued May 18, 2001 or in parent application no. 09/282,157 filed on March 31, 1999.

U.S. Patents

Patent No.	Issue Date	<u>Inventor</u>
3,581,072	5/25/71	Nymeyer
4,674,044	6/16/87	Kalmus, et al.
4,789,928	12/6/88	Fujisaki
4,845,625	7/4/89	Stannard
4,992,940	2/12/91	Dworkin
5,136,501	8/4/92	Silverman, et al.
5,193,056	3/9/93	Boes
5,243,515	9/7/93	Lee
5,297,032	3/22/94	Trojan, et al.
5,375,055	12/20/94	Togher, et al.
5,394,324	2/28/95	Clearwater
5,402,336	3/28/95	Spiegelhoff, et al.
5,606,602	2/25/97	Johnson, et al.



PATENT Attorney Docket No. 046700-5018 Page 6 of 8

Fraser	9/2/97	5,664,115
Clement	11/4/97	5,684,963
Lupien, et al.	11/18/97	5,689,652
Popolo	2/3/98	5,715,402
Ordish, et al.	3/10/98	5,727,165
Gardner, et al.	5/26/98	5,758,327
Giovannoli	5/26/98	5,758,328
Aycock, et al.	6/9/98	5,765,138
Berent, et al.	6/30/98	5,774,873
Walker, et al.	8/11/98	5,794,207
Brown	8/11/98	5,794,219
Walker, et al.	8/18/98	5,797,127
Hoffer	8/25/98	5,799,151
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Other Publications

Malone, et al., "The Logic of Electronic Markets", Harvard Business Review, No. 893II, May-June 1989

Freemarkets™ Online, "Bidware Manual", June 9, 1988

Freemarkets OnlineTM, "Online Industrial Market Making, An Overview of Purchasing Executives"

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Auction Sales, "Live Auctions Online", September, 1998



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Andrews, "Auctions Catch the Interest of Hobbyists and Big Business", August 24, 1998

Associated Press, "Auction on Web is Buyer's Market", April 6, 1998

Steinert-Threlkeld, "New Watchwords: Let Sellers Beware", June 1, 1998

Woolley, "E-muscle", March 9, 1998

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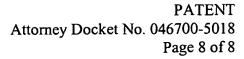
Jahnke, "How Bazaar", CIO Web Business Magazine, August 27, 1998

Wilder, "What's Your Bid? – FreeMarkets' real-time online bidding technology lets clients drive down costs and improve product value", InformationWeek, November 10, 1997

Jean-Pierre Banatre, et al., "The Design and Building of Enchere, a Distributed Electronic Marketing System" Communications of the ACM, No. 1, January 29, 1986

Danny Cohen, "Computerized Commerce" Information Processing 89, August 28-September 1, 1989

Applicants respectfully request that these items be considered by the Examiner, and that the Examiner acknowledge consideration of these references by initialing and returning copies of the enclosed Form PTO-1449 (3 sheets) with the next official action.





While this Information Disclosure Statement may be "material" pursuant to 37 C.F.R. §1.56, it is not intended to constitute an admission that any patent, publication or other information referred to herein is "prior art" for this invention or otherwise material to the patentability of this invention as defined in 37 C.F.R. § 1.56.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(b) exists.

EXCEPT for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§ 1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0310. This paragraph is intended to be a CONSTRUCTIVE PETITION FOR EXTENSION OF TIME in accordance with 37 C.F.R. § 1.136(a)(3).

Respectfully submitted,

June 4, 2WZ Date

By:_

Kim R. Jessum

Reg. No. 43,694

Customer No. 028977

MORGAN, LEWIS & BOCKIUS, LLP

1701 Market Street

Philadelphia, PA 19103-2921

Telephone: (215) 963-4753 Facsimile: (215) 963-5299

Substitut	Substitute for form 1449A/PTO				Complete if Known	
				Application Number	09/753,329	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	December 29, 2000			
		First Named Inventor	Rupp, et al.			
				Group Art Unit	2164	
(use a	as many	sheets as n	ecessary)	Examiner Name	Unassigned	
Sheet	1	of	3	Attorney Docket Number	046700-5018	

Exr Initials	U.S. Patent Document		Name of Inventor or Applicant of Cited Document	Date of Publication of
	Number	Kind Code (if known)		Cited Document MM-DD-YYYY
(S)	3,581,072		Nymeyer	5/25/71
our e	3,863,060		Rode, et al.	1/28/75
<u> </u>	4,597,045		Kiuchi	6/24/86
MARKE	4,674,044	-	Kalmus, et al.	6/16/87
MARY	4,789,928		Fujisaki	12/6/88
	4,799,156		Shavit, et al.	1/17/89
	4,845,625		Stannard	7/4/89
	4,992,940		Dworkin	2/12/91
	5,136,501		Silverman, et al.	8/4/92
	5,193,056		Boes	3/9/93
	5,243,515		Lee	9/7/93
	5,297,032		Trojan, et al.	3/22/94
	5,375,055		Togher, et al.	12/20/94
	5,394,324		Clearwater	2/28/95
	5,402,336		Spiegelhoff, et al.	3/28/95
	5,606,602		Johnson, et al.	2/25/97
	5,629,982		Micali	5/13/97
	5,640,569		Miller, et al.	6/17/97
	5,664,115		Fraser	9/2/97
	5,684,963		Clement	11/4/97
	5,689,652		Lupien, et al.	11/18/97
	5,715,402		Popolo	2/3/98
	5,727,165		Ordish, et al.	3/10/98
	5,758,327		Gardner, et al.	5/26/98
	5,758,328		Giovannoli	5/26/98
	5,765,138		Aycock, et al.	6/9/98
	5,774,873		Berent, et al.	6/30/98
	5,794,207		Walker, et al.	8/11/98
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	5,803,500		Mossberg	9/8/98
	5,809,483		Broka, et al.	9/15/98
	5,826,244		Huberman	10/20/98
	5,832,496		Anand, et al.	11/3/98
	5,835,896		Fisher, et al.	11/10/98
	5,862,223		Walker, et al.	1/19/99
	5,890,138		Godin, et al.	3/30/99
	5,897,621		Boesch, et al.	4/27/99
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	5,905,975		Ausubel	5/18/99
	5,915,209		Lawrence	6/22/99
	5,966,699		Zandi	10/12/99
	6,014,627		Togher, et al.	1/11/00
	6,021,398		Ausubel	2/1/00

Substitute for form	1449A/PT	O		Complete if Known	
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INFORMATION DISCLOSURE			Filing Date	December 29, 2000	
STATEMENT I	BY APP	LICANT	First Named Inventor	Rupp, et al.	
			Group Art Unit	2164	
(use as many sheets as necessary)		Examiner Name	Unassigned		
Sheet 2	of	3	Attorney Docket Number	046700-5018	

			U.S	. PATENT DOCUMENTS	
	Exr Initials	U.S. Patent Document		Name of Inventor or Applicant of Cited Document	Date of Publication of
(\(\lambda \) \(\text{F}	E	Number	Kind Code (if		Cited Document
/ 0	<u> </u>		known)		MM-DD-YYYY
/	~ 6.1	6,023,685		Brett, et al.	2/8/00
1 NUL	1 200K 00	6,044,363		Mori, et al.	3/28/00
, ,		6,055,518		Franklin, et al.	4/25/00
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& TRA	DEMA	6,061,663		Bloom, et al.	5/9/00
		6,078,906		Huberman	6/20/00
		6,119,229		Martinez, et al.	9/12/00
		6,151,589		Aggarwal, et al.	11/21/00
		6,161,099		Harrington, et al.	12/12/00
		6,199,050		Alaia, et al.	3/6/01
-		6,266,652		Godin, et al.	7/24/01

		FOF	REIGN PATE	NT DOCUMENTS		
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Exr	Country	Number	Kind	Name of Inventor or Applicant	Publication of	
Initials	Code		Code (if	of Cited Document	Cited	
		•	known)		Document	
	1				MM-DD-YYYY	
	EP	0399850A			11/28/90	
	WIPO	WO 92/15174			9/3/92	
	WIPO	WO 97/37315			10/9/97	
	WIPO	WO 98/34187			8/6/98	
	WIPO	WO 99/63461			12/9/99	
	JP	409101994A			4/97	
	JP	410078992A			3/98	

	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Exr Initials	Include Name of Author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ₁
	"BroadVision Developing First Interactive Commerce Management System To Support Online Sales & Marketing Process; New Software Category Necessary to Interactive Network Architecture", Business Wire, p5150152, May 15, 1995	
	"FairMarket Launches New Self-Serve Auctions", Business Wire, p6161495, June 16, 1998	
	Lee, "Do electronic marketplaces lower the price of goods?", Communications of the PCM, v41n1 pp 73-80, Jan 1998	
	"Moai Technologies Introduces New categories of Business to Business Auction Software", Business Editors and Computer writers, March 16, 1998	
	Kikuchi, et al., "Multi-Round Anonymous Auction Protocols", IEICE Trans. Inf. & Syst., vol.E82-D, No.4, April 1999	
	"Online bidding software", Electronic Buyers' News, Issue 1072, p86, 1/6p, 08/25/97	

Examiner	 Date
Signature	 Considered

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				Group Art Unit	2164	
			ecessary)	Examiner Name	Unassigned	<u> </u>
Sheet	3	of	3	Attorney Docket Number	046700-5018	

و،،'و٣	OTHER PRIOR ART. MAN PATENT I STEP AT USE PAGE 150					
1 2002 0	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Sciromach et al. "Economic Framework for Prining and Charging Digital Libraries"					
JUH 1 NAME OF	Sairamesh, et al., "Economic Framework for Pricing and Charging Digital Libraries", D-Lip Magazine, February 1996					
TE TRADEMARK	"Sold!To the Lowest Bidder", Computer Finance, v6, n2, July 1995					
TRAIL	"Venture Capitalists Fund Two Massachusetts Internet Related Companies", Boston Globe, January 14, 1998 Vigoroso, "Buyers prepare for brave new world of e-commerce", Purchasing, v126, no pS4(1), April 22, 1999					
	Von der Fehr, et al., Predatory bidding in sequential auctions", Oxford Economics Papers, v46, n3, p345(12), July 1994					
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	Malone et al., "The Logic of Electronic Markets", Harvard Business Review, No. 893II, May-June, 1989					
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	Freemarkets Online™, "Online Industrial Market Making, An Overview of Purchasing Executives"					
	WebAuction.com, "How to Play", 1998					
	Auction Sales, "Live Auctions Online", 9/1998					
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	OnSale, "How to Play", 1998					
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	Associated Press, "Auction on Web is Buyer's Market", April 6, 1998					
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	Jahnke, "How Bazaar" CIO Web Business Magazine, August 27, 1998					
	Wilder, "What's Your Bid? – FreeMarkets' real-time online bidding technology lets clients drive down costs and improve product value", InformationWeek, November 10, 1997,					
	Jean-Pierre Banatre, et al., "The Design and Building of Enchere, a Distributed Electronic Marketing System" Communications of the ACM, No. 1, January 29, 1986					
	Danny Cohen, "Computerized Commerce" Information Processing 89, August 28- September 1, 1989					

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